

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	498	455/3.03 455/3.06 455/352 340/825.25 340/825.39 370/913 725/80 725/109	US-PGPUB	OR	ON	2006/01/06 16:34
L3	1	2 and (server near8 "home area network").clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 16:35
L4	4	2 and (home near5 server).clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 16:36
L5	2	4 and audio.clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 16:36
L6	2	5 and wireless.clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 16:36
L7	1	6 and (local near5 audio).clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 16:37
L8	1	6 and "assembled audio".clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 16:37
S1	59229	"455"/\$.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:16
S2	1	S1 and (audio and server and "home area network")	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:18
S3	594	S1 and (audio and server and "local area network")	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:18
S4	0	S3 and (audio near3 assembler)	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:19
S5	34	S3 and (audio near5 module)	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:19
S6	32	S5 and wireless	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:19
S7	19	S6 and broadcast\$3	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:21
S8	0	S7 and mixer	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:21

S9	17	S7 and frequency	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:21
S10	5	S9 and FM	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:24
S11	100	"audio program" near8 (distribution or delivery)	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:25
S12	35	S11 and server and wireless	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:26
S13	31	S12 and frequency	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:26
S14	4	S13 and (FM or "frequency modulated")	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:23
S15	2	S14 and module	US-PGPUB; USPAT; EPO	OR	ON	2004/06/28 11:26
S16	112	"audio program" near8 (distribution or delivery)	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:34
S17	41	S16 and server and wireless	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:34
S18	35	S17 and frequency	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:23
S19	5	S18 and (FM or "frequency modulated")	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:35
S20	10	((("5585837") or ("5805806") or ("5982363") or ("5983068") or ("6005861") or ("6058178") or ("6069899") or ("6167120") or ("6526581") or ("6654025")).PN.	US-PGPUB; USPAT; EPO	OR	OFF	2005/08/08 12:32
S21	6	S20 and audio	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:32
S22	2	S21 and (server or database)	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 13:08
S23	7818	audio near8 (distribut\$3 or delivery)	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:34

S24	2126	S23 and (server and wireless)	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:37
S25	249	S24 and (FM or "frequency modulated")	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:38
S26	249	S25 and (server or database)	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:35
S27	163	S26 and module	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:35
S28	48	S27 and (home near5 network)	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:37
S29	5	S28 and mixer	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:38
S30	4380	audio and (home near3 network)	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:37
S31	2298	S30 and (server and wireless)	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:37
S32	179	S31 and (FM or "frequency modulated")	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:38
S33	22	S32 and mixer	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 12:38
S34	4	S32 and mixer	USPAT	OR	ON	2005/08/08 12:38
S35	1	S22 and wireless	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 13:09
S37	1	S35 and wireless	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 13:10
S38	1	("6005861").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2005/08/08 13:10
S39	0	S38 and wireless	US-PGPUB; USPAT; EPO	OR	ON	2005/08/08 13:10

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File View Edit Tools Window Help

Drafts

- BRS:
- BRS:

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- L2: (498) 455/3.03 455/3.06 455/352 340/825.25 340/825.39 370/913 725/8
- L3: (1) 2 and (server near8 "home area network").clm.

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- S1: (59229) "455"/\$.ccls.
- S2: (1) S1 and (audio and server and "home area network")
- S3: (594) S1 and (audio and server and "local area network")
- S4: (0) S3 and (audio near3 assembler)
- S5: (34) S3 and (audio near5 module)
- S6: (32) S5 and wireless
- S7: (19) S6 and broadcast\$3
- S8: (0) S7 and mixer
- S9: (17) S7 and frequency
- S10: (5) S9 and FM
- S11: (100) "audio program" near8 (distribution or delivery)
- S12: (35) S11 and server and wireless
- S13: (31) S12 and frequency

United States
Patent Application Publication (19) Pub. No.: US 2001/0034205 A1
Tarr
(11) Pub. Date: Oct. 25, 2001

(54) HOME AREA NETWORK DISTRIBUTING ARRANGEMENT FOR DISTRIBUTING AUDIO PROGRAMMING INFORMATION FROM A PLURALITY OF SERVERS OVER LOCAL RADIO BROADCAST

(57) U.S. CL. G08B 45/04, 45/07

(57) ABSTRACT

An audio program distribution arrangement for use in connection with a server in a home area network is described. The audio program distribution arrangement is designed to distribute audio programming over a local radio link. The audio program distribution arrangement comprises an audio programming information assembler module and a server module. The audio programming information assembler module is designed to receive audio programming information from a plurality of servers. The audio programming information assembler module is configured to generate a combined audio programming information stream. The audio programming information stream is transmitted to a radio receiver module. The radio receiver module is configured to receive the audio programming information stream and to output the audio programming information stream to a plurality of audio receivers. The audio programming information stream is transmitted to a radio receiver module. The radio receiver module is configured to receive the audio programming information stream and to output the audio programming information stream to a plurality of audio receivers.

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(72) Correspondence Address: Edward A. Jordan, P.O. Box 1104, Woburn, MA 01801-0104 (US)

(21) Appl. No.: 09/122,399

(22) Filed: Mar. 20, 2001

(67) Publication Classification

(11) Int. Cl. H04N 7/00

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor	S
1			US 20010034205	20011025	9	Home area network including arrangement for distributing a	455/3.06	455/3.01; 455/507		Tarr, Morton	

Hits Details HTML

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L2: (498) 455/3.03 455/3.06 455/352 340/825.25 340/825.39 370/913 725/80 7

L3: (1) 2 and (server near8 "home area network").clm.

L4: (4) 2 and (home near5 server).clm.

L5: (2) 4 and audio.clm.

L6: (2) 5 and wireless.clm.

L7: (1) 6 and (local near5 audio).clm.

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S1: (59229) "455"/\$.ccls.

S2: (1) S1 and (audio and server and "home area network")

S3: (594) S1 and (audio and server and "local area network")

S4: (0) S3 and (audio near3 assembler)

S5: (34) S3 and (audio near5 module)

S6: (32) S5 and wireless

S7: (19) S6 and broadcast\$3

S8: (0) S7 and mixer

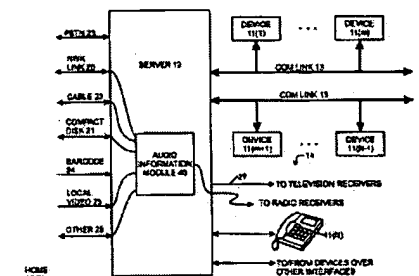
S9: (17) S7 and frequency

United States
Patent Application Publication
Tarr

Pub. No.: US 20010034205 A1
Pub. Date: Oct. 25, 2001

Int. Cl. Class. G08B06/45512
Abstract

An audio program distribution management for use in connection with a server in a home area network is described. The audio program distribution management is configured to distribute audio programming over a local radio link. The audio program distribution management comprises an audio programming information receiver module, an audio programming information transmitter module, and a control module. The audio programming information receiver module is configured to receive audio programming information from a plurality of servers. The audio programming information transmitter module is configured to transmit audio programming information to a plurality of receivers. The control module is configured to manage the audio programming information distribution by selectively enabling and disabling audio programming information as required by the audio programming information receiver module from a selected set of receivers by transmitting a control signal to the receivers. The control module is configured to control the audio programming information receiver module and the audio programming information transmitter module.



	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor	S
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20010034205 A1	20011025	9	Home area network including arrangement for distributing a	455/3.06	455/3.01; 455/507		Tarr, Morton	<input checked="" type="checkbox"/>

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- L2: (498) 455/3.03 455/3.06 455/352 340/825.25 340/825.39 370/913 725/80 7
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- L4: (4) 2 and (home near5 server).clm.
- L5: (2) 4 and audio.clm.
- L6: (2) 5 and wireless.clm.
- L7: (1) 6 and (local near5 audio).clm.
- L8: (1) 6 and "assembled audio".clm.

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- S1: (59229) "455"/\$.ccls.
- S2: (1) S1 and (audio and server and "home area network")
- S3: (594) S1 and (audio and server and "local area network")
- S4: (0) S3 and (audio near3 assembler)
- S5: (34) S3 and (audio near5 module)
- S6: (32) S5 and wireless
- S7: (19) S6 and broadcast\$3
- S8: (0) S7 and mixer

(1) United States
(12) Patent Application Publication (in Pub. No.: US 2001/0034205 A1
(13) Pub. Date: Oct. 25, 2001

(54) HOME AREA NETWORK DISTRIBUTION
ARRANGEMENT FOR DISTRIBUTING
AUDIO PROGRAMMING INFORMATION
FROM A PLURALITY OF SOURCE OVER
LOCAL RADIO BROADCAST

(57) ABSTRACT

An audio program distribution arrangement for use in connection with a home area network is described. The audio program distribution arrangement is designed to distribute audio programming over a local radio link. The audio program distribution arrangement comprises an audio programming information server module, an audio programming information receiver module and a control module. The audio programming information receiver module is designed to receive audio programming information from a plurality of sources. The audio programming information receiver module is configured to receive distributed audio programming information by receiving, encoding and audio programming information received by its audio programming information receiver module has a selected set of frequencies for transmission over the local radio link. The control module is designed to control the audio programming information receiver module and the audio programming information server module.

(51) Int. Cl. H04N 7/16

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor	S
I	<input type="checkbox"/>	<input type="checkbox"/>	US 20010034205 A1	20011025	9	Home area network including arrangement for distributing a	455/3.06	455/3.01; 455/507		Tarr, Morton	<input checked="" type="checkbox"/>

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